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REPORT NO.

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INFORMATION REPORT

DATE DISTR. 29 October 1951

NO. OF PAGES 1

COUNTRY Germany (Russian Zone)

SUBJECT Radio Antenna at Berlin-Falkensee

NO. OF ENCLS.
(LISTED BELOW)

1 set of
 6 photographs
 2 reproduced
 sketches

SUPPLEMENT TO
REPORT NO.

25X1X

25X1A
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SOURCE

On 17 June 1951, photographs were taken of an antenna system observed in the restricted area in Falkensee.* Several local residents stated that the antenna was erected in early June 1951. It consisted of two frames each about 140 x 30 cm in size which were mounted on top of a braced mast about 13 meters high.**

25X1C

* Comment: For location of radio installation, see Annex 1. For photographs, see Annex 2.

25X1C

** Comment: The existence of this antenna system in the restricted area in Falkensee, where the HQ, GI Corps, Twenty-Fourth Air Army is located, is reported for the first time. From the setup of the antenna it is believed that the installation is designated for radio communications on decimetric waves and that it operates with two call stations. The aerial reflectors were set at angles of 25° and 213° relative to true north. This indicates that the two call stations are located in the direction of Oranienburg and Werder. From the photographs, it was inferred that the aerial reflectors are about 140 x 32 cm and that the mast is about 14 meters high, on condition that the mast is actually braced in the middle. Each of the two acrials consists of two sections which are fed by a cable. If the assumption is correct that the vertical rods in the reflectors are dipoles, the spaces of nine cm between them would indicate that the set operates on a wave length of about 18 cm. Similar antenna systems mounted on trucks were also observed in Potsdam. The following information is given with regard to the photographs taken: focal length: 13.5 cm. Negatives are 24 x 36 mm. Photograph No. 1 was taken at a distance of 90 meters, while the distances were 77 meters for photograph 2; 70 meters for photograph 3; 72 meters for photographs 4 and 5; and 100 meters for photograph 6. Photograph 1 was enlarged about 17 times; photographs 2 and 4 about 16 times; photograph 3 about 10 times; photograph 5 about 16 times and photograph 6 about 17 times.

25X1C

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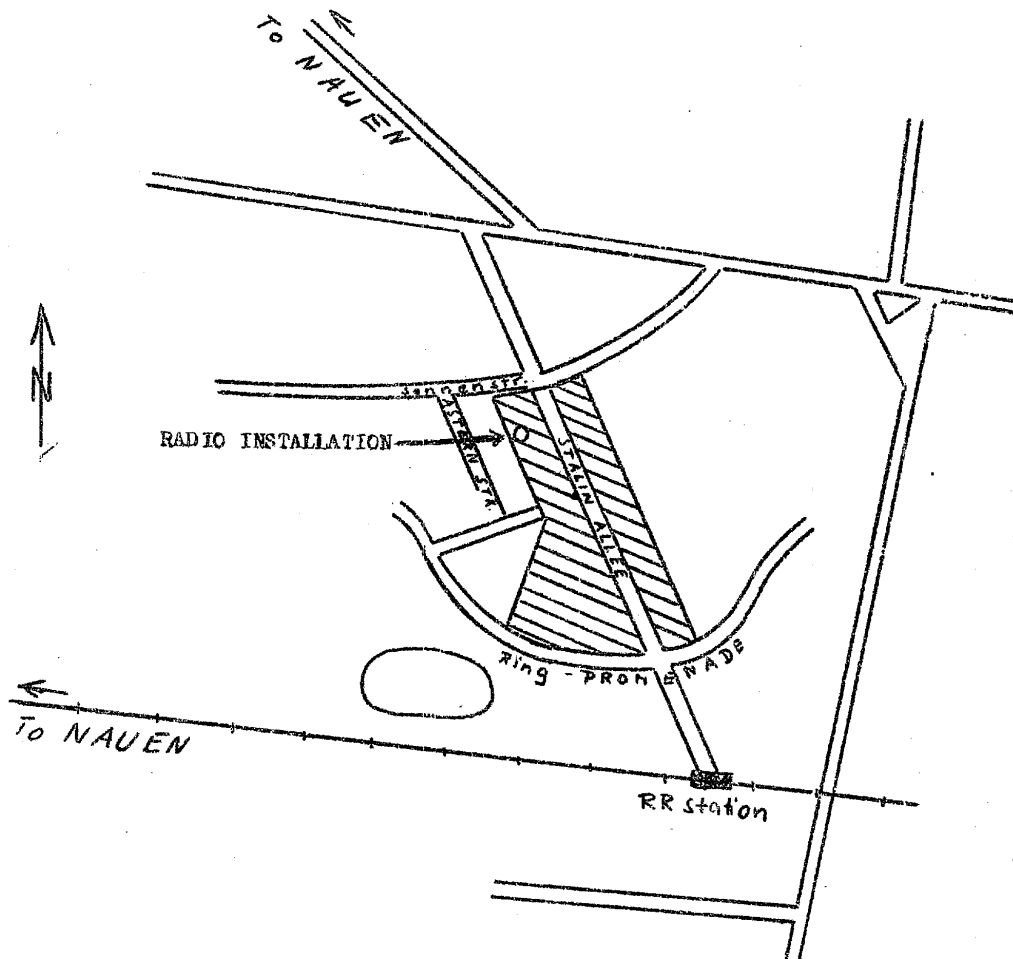
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Location of Antenna System in Berlin-Falkensee



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